

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010715**Date Inspected:** 08-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** As identified below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 13-

This QA Inspector observed the following work in progress: Flux Cored Arc Welding (FCAW) of OBG Segment 11CW lifting lug weld, SSD14-PP101-236. ZPMC welder was identified as 058551. ZPMC QC was identified as Zhang Qiao. ZPMC CWI was identified as Lv Li Qing. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-TC-U4b-F.

This QA Inspector observed the following work in progress: Shielded Metal Arc Welding (SMAW) of OBG Segment 11BE edge panel to deck panel weld SEG068-041. ZPMC welder was identified as 051356. ZPMC QC was identified as Zhang Qiao. ZPMC CWI was identified as Lv Li Qing. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2232-TC-U4b-F.

North of blast bay 1-

This QA inspector performed Ultrasonic Testing (UT) verification of the areas previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an UT report for this date. The member was identified as OBG Segment 8AW. The weld identification numbers are as follows:

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

SEG043A-004, 012, 013, 014, 017, 018, 019, 009, 010, 039, 040, 041

SEG043-013~018

SSD10A-009

SSD11A-009

SSD10-003

SSD12A-PP64-242, 246, 252, 256

SEG043*-045, 046, 047

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As identified within the contents of this report.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
----------------------	-------------	-----------------------------

Reviewed By:	Dawson,Paul	QA Reviewer
---------------------	-------------	-------------